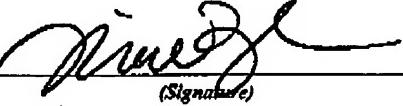


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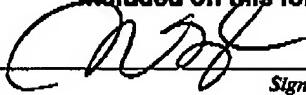
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OCT 30 2007

<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>				Docket No. 16049Z
Applicant(s): James F. Hainfeld, et al.				
Application No. 10/705,614	Filing Date November 10, 2003	Examiner Christine D. Hopkins	Group Art Unit 3735	
Invention: METHODS FOR ENHANCING RADIATION EFFECTS WITH METAL NANOPARTICLES				
<p>I hereby certify that this <u>Amendment Under 37 C.F.R. 1.114</u> <i>(Identify type of correspondence)</i></p> <p>Is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>(571) 273-8300</u>)</p> <p>on <u>October 30, 2007</u> <i>(Date)</i></p> <p>Xiaochun Zhu <i>(Typed or Printed Name of Person Signing Certificate)</i></p> <p> <i>(Signature)</i></p> <p>Note: Each paper must have its own certificate of mailing.</p>				

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<b>AMENDMENT TRANSMITTAL LETTER (Small Entity)</b> Applicant(s): James F. Hainfeld, et al.				Docket No. 16049Z	
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/705,614	November 10, 2003	Christine D. Hopkins	23389	3735	4692
<b>Invention: METHODS OF ENHANCING RADIATION EFFECTS WITH METAL NANOPARTICLES</b>					
<u><b>COMMISSIONER FOR PATENTS:</b></u>					
<p>Transmitted herewith is an amendment in the above-identified application.</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>The fee has been calculated and is transmitted as shown below.</p>					
<b>CLAIMS AS AMENDED</b>					
TOTAL CLAIMS	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
INDEP. CLAIMS	5 -	71 =	0	x \$25.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					\$210.00
<p><input type="checkbox"/> No additional fee is required for amendment.</p> <p><input checked="" type="checkbox"/> Please charge Deposit Account No. 19-1013/SSMP In the amount of \$210.00</p> <p><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-1013/SSMP</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p>					
<p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p>					
 <i>Signature</i>					
Dated: October 30, 2007					
<div style="border: 1px solid black; padding: 5px; width: fit-content;">           I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____            (Date)         </div>					
<div style="border: 1px solid black; padding: 5px; width: fit-content;">           Signature of Person Mailing Correspondence         </div>					
<div style="border: 1px solid black; padding: 5px; width: fit-content;">           Typed or Printed Name of Person Mailing Correspondence         </div>					

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**AMENDMENT TRANSMITTAL LETTER (Small Entity)**

Applicant(s): James F. Hainfeld, et al.

Docket No.  
**16049Z**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/705,614	November 10, 2003	Christine D. Hopkins	23389	3735	4692

Invention: **METHODS OF ENHANCING RADIATION EFFECTS WITH METAL NANOPARTICLES**

**COMMISSIONER FOR PATENTS:**

Transmitted herewith is an amendment in the above-identified application.

- Applicant claims small entity status. See 37 CFR 1.27

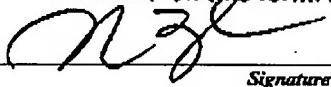
The fee has been calculated and is transmitted as shown below.

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	65 -	71 =	0	x \$25.00	\$0.00
INDEP. CLAIMS	5 -	3 =	2	x \$105.00	\$210.00
Multiple Dependent Claims (check if applicable)	<input type="checkbox"/>				\$0.00
	TOTAL ADDITIONAL FEE FOR THIS AMENDMENT				\$210.00

- No additional fee is required for amendment.  
 Please charge Deposit Account No. 19-1013/SSMP In the amount of \$210.00  
 A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.  
 The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-1013/SSMP  
 Any additional filing fees required under 37 C.F.R. 1.16.  
 Any patent application processing fees under 37 CFR 1.17.  
 Payment by credit card. Form PTO-2038 is attached.

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Signature

Xiaochun Zhu  
Registration No. 56,311  
Scully, Scott, Murphy & Presser, P.C.  
400 Garden City Plaza-STE 300  
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(516) 742-4343

Dated: October 30, 2007

I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

(Date)

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** James F. Hainfeld, et. al.

**Examiner:** Christine D. Hopkins

**Serial No:** 10/705,614

**Art Unit:** 3735

**Filed:** November 10, 2003

**Docket:** 16049Z

**For:** METHODS OF ENHANCING  
RADIATION EFFECTS WITH  
METAL NANOPARTICLES

**Dated:** October 30, 2007

**Confirmation No.:** 4692

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Commissioner for Patents  
Alexandria, VA 22313-1450

**AMENDMENT UNDER 37 C.F.R. § 1.114**

Sir:

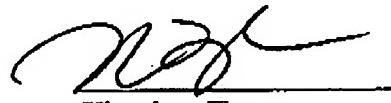
In response to the Final Action dated September 20, 2007 and in accordance with the provisions of 37 C.F.R. §1.114, Applicants respectfully request entry of the following amendment in the above-identified case.

---

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to (571) 273-8300 at the Patent and Trademark Office on the date shown below.

Dated: October 30, 2007

  
Xiaochun Zhu